



Construction Status Site and Building

S. Dixon

March 23, 2010 PMG Meeting



20MAR10 Incident Information

- Incident Information

- ~2:25 am during 20MAR10 Night Shift;
- Hoover Construction Employee;
- Positioning drill mast to align with hole location;
- Pinched two fingers of left hand between equipment and rock face;
- Taken for medical treatment;

- Follow Up

- Notifications
 - Hoover First Incident Report on 20MAR10
 - A&P Incident Report on 20MAR10
 - A&P Employee Interview on 21MAR10
- A&P/Hoover Actions
 - Equipment (and similar types) taken out of service for inspection/modifications
 - Discipline/Reinstruction of person involved
 - Preventative instruction of others
 - Job Safety Analysis ordered

**OSHA Visit Scheduled
for 08APR10**



20MAR10 Incident Information



Example Photos Only – Not Actual Rig from 20MAR10 Incident



View From the Bottom



Site Photos: 24FEB10



Status

- Rock Excavation
 - “Production” Blasting Complete on March 11, 2010;
 - Smaller “Trim” Blasting continues into April 2010;
 - Mechanical Trimming continues into May 2010;
- Grouting
 - East Side Grouting at highly fractured zones
 - Continues into early April 2010
- Service Building Roofing
 - Begins in April 2010





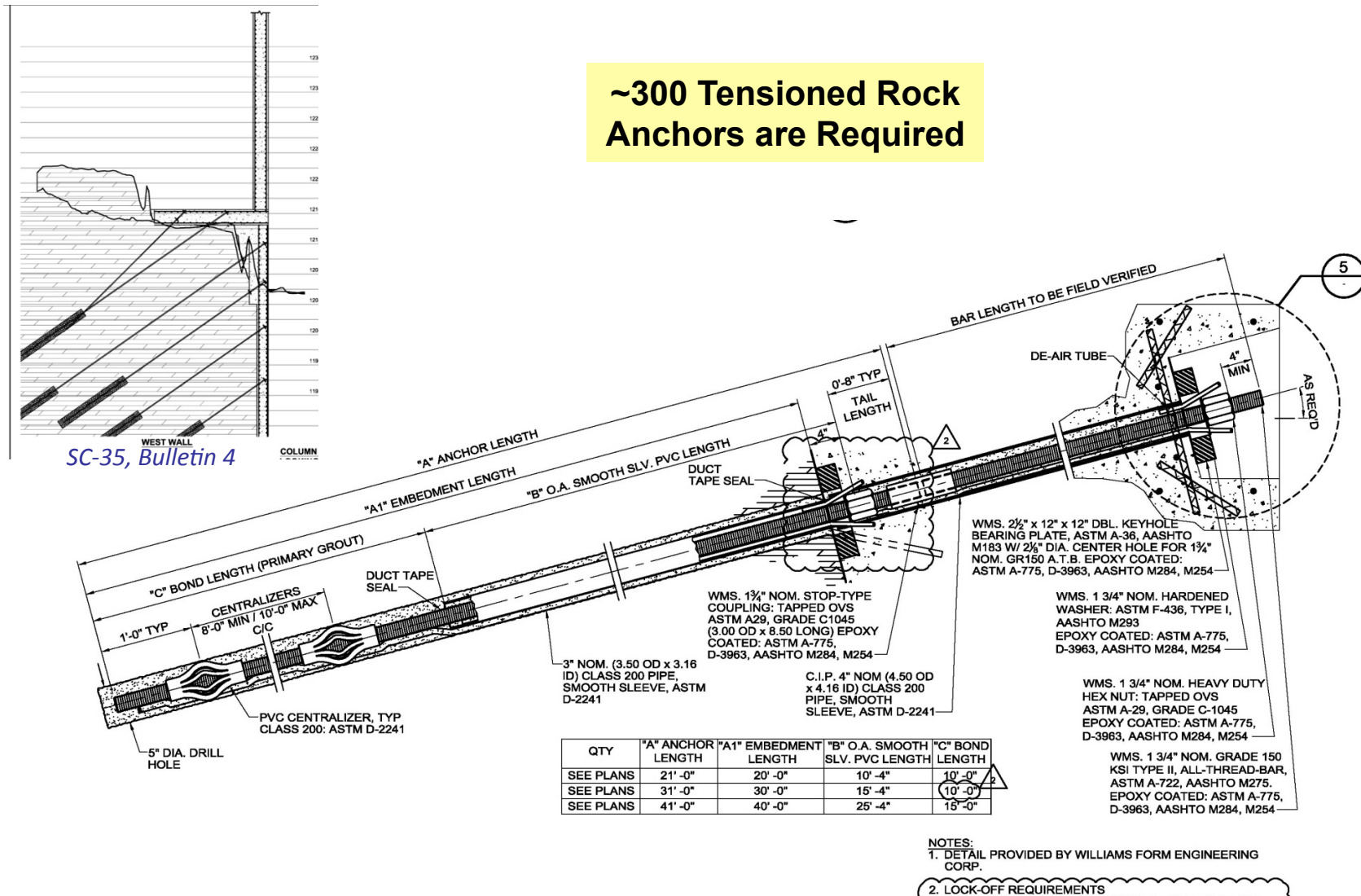
Fractured Rock Repair

- January 2010
 - Design and Construction Teams Jointly Developed Solution
 - Predominately a Tensioned Rock Anchor Solution
 - Ordered Rock Anchors – CR147 \$1.146m
 - Independent Blasting Expert Input
- February 2010
 - 2nd Lift Techniques Modified based on Independent Rock Expert Advice
 - Design Team Revised Drawings
 - Construction Team Prepared Claim
 - A&P Submitted Claim on 23FEB10
 - Design Team Started Reviewing Claim
- March 2010
 - Report from Independent Blasting Expert
 - Preliminary Claim Review Complete
 - Developing Response



Tensioned Rock Anchors

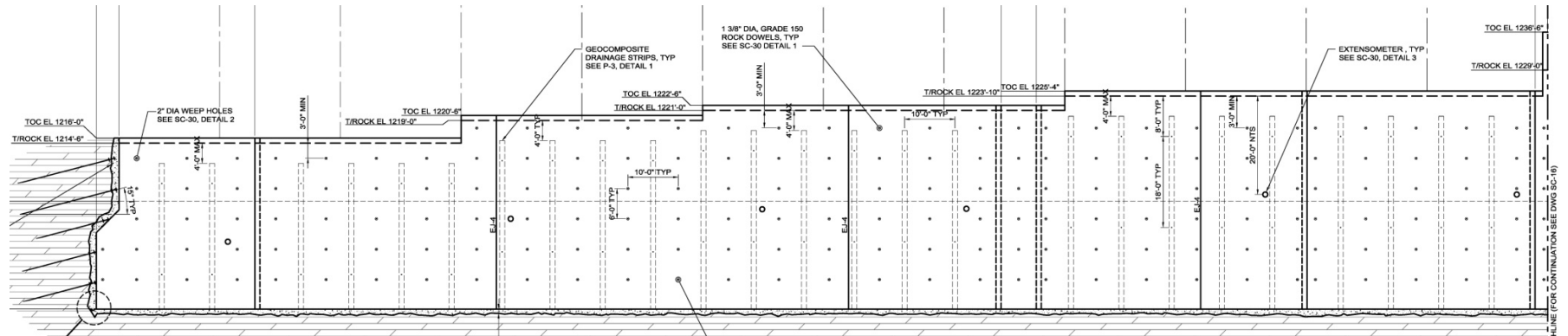
~300 Tensioned Rock Anchors are Required



SC-42, Bulletin 4

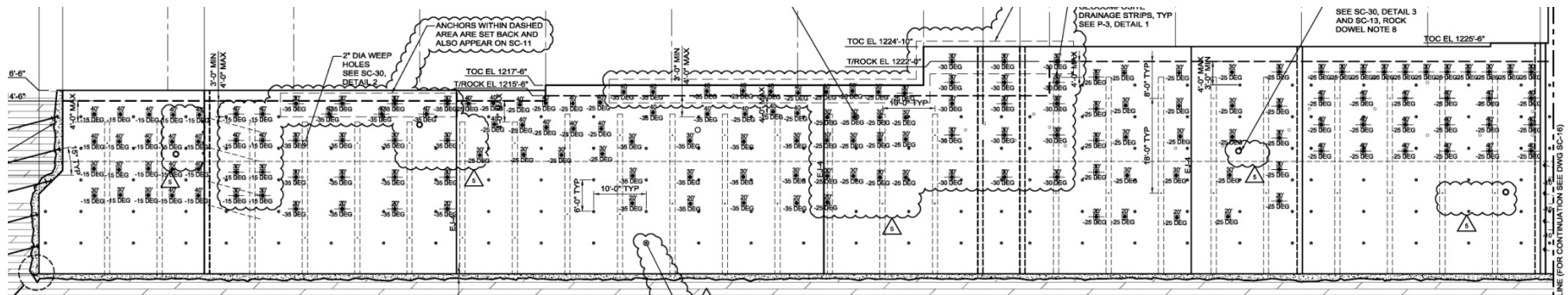


Tensioned Rock Anchors



SC-15, Issued For Construction

Elevation Views of West Wall – Full Depth



SC-15, Bulletin 4